

# Set User Roles for User Account

## OPERATING INSTRUCTIONS

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# 1 Description

This instruction describes how to configure roles for a local Operation and Maintenance (O&M) user account. Roles are used to control which parts of the node resources the local user is allowed to access.

The roles supported by the system are defined as Managed Objects (MOs) under the `LocalAuthorizationMethod` MO. The roles configured in the user account are used to fetch users access rights from the appropriate `Role` MOs or `CustomRole` MOs.

User authorization is activated by unlocking the `LocalAuthorizationMethod` MO.

**Note:** After authorization activation all users, not only users defined in the Local Authentication MO are subject for authorization. If proper user configuration is not made, then access to Ericsson Command-Line Interface (ECLI) is not possible.

# 2 Procedure

## 2.1 Set User Roles for User Account

### Prerequisites

- No documents are required.
- No tools are required.
- The following conditions must apply:
  - The user has sufficient access rights to perform the task, for example, the user has Local Authentication Administrator or System Security Administrator role.
  - An ECLI session in Exec mode is in progress.
  - The username for the local user account is known. In this instruction, the username is joedoe.
  - The role names to be assigned to the user are known. In this instruction, the role names `SystemAdministrator` and `EricssonSupport` are used as examples.

### Steps



1. Navigate to the `LocalAuthorizationMethod` MO, for example:

```
>dn ManagedElement=NODE06ST,SystemFunctions=1,SecM=1,UserManagement=1,LocalAuthorizationMethod=1
```

2. List the roles defined in the system:

```
(LocalAuthorizationMethod=1)>show
```

The following is an example output:

```
LocalAuthorizationMethod=1
  administrativeState=UNLOCKED
  CustomRole=Custom_UserAdministrator
  Role=EricssonSupport
  Role=SystemAdministrator
  Role=SystemSecurityAdministrator
  Role=LocalAuthenticationAdministrator
```

3. Navigate to the `UserAccount` MO, for example:

```
>dn ManagedElement=NODE06ST,SystemFunctions=1,SecM=1,UserManagement=1,LocalAuthenticationMethod=1,UserAccountM=1,UserAccount=johndoe
```

4. Enter Config mode:

```
(UserAccount=johndoe)>configure
```

5. Set the appropriate role names for the user, for example:

```
(config-UserAccount=johndoe)> roles=["SystemAdministrator","EricssonSupport"]
```

6. Commit the settings:

```
(config-UserAccount=johndoe)>commit
```

7. Verify the settings, for example:

```
(UserAccount=johndoe)>show -v
```

The following is an example output:



```
UserAccount=joedoe
  accountPolicy="ManagedElement=NODE06ST,SystemFunctions=1,SecM=1,⇒
UserManagement=1,LocalAuthenticationMethod=1,AccountPolicy=1"
  accountState=LOCKED <read-only>
  accountUsageState=UNUSED <read-only>
  administrativeState=LOCKED <default>
  lastLoginTime="" <read-only>
  lockedTime="2015-11-13T11:20:24Z" <read-only>
  passwordChangedTime="" <read-only>
  passwordFailureTimes=[] <empty> <read-only>
  passwordPolicy="ManagedElement=NODE06ST,SystemFunctions=1,SecM=1,⇒
UserManagement=1,LocalAuthenticationMethod=1>PasswordPolicy=1"
  passwordState=[] <empty> <read-only>
  roles
    "SystemAdministrator"
    "EricssonSupport"
  userAccountId="joedoe"
  userLabel=[] <empty>
  userName="John M. Doe"
```